

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202141032025 A

(19) INDIA

(22) Date of filing of Application :16/07/2021

(43) Publication Date : 23/07/2021

(54) Title of the invention : SEAMLESS MULTIUSER UE SYNCHRONISATION MECHANISM IN 5G-ORAN ARCHITECTURE

(51) International classification	:H04N0021258000, B01D0053860000, C03C0014000000, F24F0005000000, F03D0003060000	(71)Name of Applicant : 1)Mr. G. Dinesh Address of Applicant :Sr. Assistant Professor, Department of Computer Science and Engineering, New Horizon College of Engineering, Outer Ring Road(ORR), Kadubeesanhalli, Bengaluru - 560103. Karnataka India
(31) Priority Document No	:NA	2)Mr. K. Ashok
(32) Priority Date	:NA	3)Mr. Kothapalli Rameshchandra
(33) Name of priority country	:NA	4)Mrs. K. Meenakshi
(86) International Application No	:PCT//	5)Mr. Shailesh chandurkar
Filing Date	:01/01/1900	(72)Name of Inventor :
(87) International Publication No	: NA	1)Mr. G. Dinesh
(61) Patent of Addition to Application Number	:NA	2)Mr. K. Ashok
Filing Date	:NA	3)Mr. Kothapalli Rameshchandra
(62) Divisional to Application Number	:NA	4)Mrs. K. Meenakshi
Filing Date	:NA	5)Mr. Shailesh chandurkar

(57) Abstract :

Portable organizations and the gear that runs the architecture should turn out to be more adaptable, virtualized, programming driven, energy effective, and clever, as versatile traffic builds. The advancing radio access networks, making them more intelligent and more open than past ages on which the O-RAN architecture is focused. The International telecommunication association has characterized the fifth generation into monstrous machine-type interchanges, improved portable broadband, and super dependable low inertness correspondences to meet the assorted market and mechanical requests. This invention presents a consolidated synchronization component to be burned-through in one or a few gadgets for conveyed situations including broadband and broadcast substance and distant clients. At the point when various arrangements or forms of the media substance are being worked out the component gives multi-and cross-innovation support and accomplishes precise synchronization levels even.

No. of Pages : 14 No. of Claims : 7

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<http://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

Skip to Main Content Screen Reader Access (<screen-reader-access.htm>)



(<http://ipindia.nic.in/index.htm>)



(<http://ipindia.nic.in/inc>)

Patent Search

Invention Title	SEAMLESS MULTIUSER UE SYNCHRONISATION MECHANISM IN 5G-ORAN ARCHITECTURE
Publication Number	30/2021
Publication Date	23/07/2021
Publication Type	INA
Application Number	202141032025
Application Filing Date	16/07/2021
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	COMMUNICATION
Classification (IPC)	H04N0021258000, B01D0053860000, C03C0014000000, F24F0005000000, F03D0003060000

Inventor

Name	Address	Country	Nat
Mr. G. Dinesh	Sr. Assistant Professor, Department of Computer Science and Engineering, New Horizon College of Engineering, Outer Ring Road(ORR), Kadubeesanhalli, Bengaluru - 560103.	India	Indi
Mr. K. Ashok	Sr. Assistant Professor, Deoartment of Electronics and Communication Engineering, New Horizon College of Engineering, Outer Ring Road(ORR), Marathahalli, Bangalore-560103, Karnataka, India	India	Indi
Mr. Kothapalli Rameshchandra	Associate Professor, Department of ECE, Vishnu Institute of Technology, Bhimavaram, Andhra Pradesh, India. Pin-534202.	India	Indi
Mrs. K. Meenakshi	Assistant Professor, Department of Computer Science and Engineering, SRM Institute of Science and Technology, No.1, Jawaharlal Nehru Salai, Vadapalani, Chennai- 600026. Tamil Nadu, INDIA.	India	Indi
Mr. Shailesh chandurkar	Senior design engg, Sigma electric Pvt. Ltd., Flat no. 502, sukhwani nicketan, pimpri waghare colony 04, pimpri waghare, pune - 411017.	India	Indi

Applicant

Name	Address	Country	Nat
Mr. G. Dinesh	Sr. Assistant Professor, Department of Computer Science and Engineering, New Horizon College of Engineering, Outer Ring Road(ORR), Kadubeesanhalli, Bengaluru - 560103.	India	Indi
Mr. K. Ashok	Sr. Assistant Professor, Deoartment of Electronics and Communication Engineering, New Horizon College of Engineering, Outer Ring Road(ORR), Marathahalli, Bangalore-560103, Karnataka, India	India	Indi
Mr. Kothapalli Rameshchandra	Associate Professor, Department of ECE, Vishnu Institute of Technology, Bhimavaram, Andhra Pradesh, India. Pin-534202.	India	Indi
Mrs. K. Meenakshi	Assistant Professor, Department of Computer Science and Engineering, SRM Institute of Science and Technology, No.1, Jawaharlal Nehru Salai, Vadapalani, Chennai- 600026. Tamil Nadu, INDIA.	India	Indi
Mr. Shailesh chandurkar	Senior design engg, Sigma electric Pvt. Ltd., Flat no. 502, sukhwani nicketan, pimpri waghare colony 04, pimpri waghare, pune - 411017.	India	Indi

Abstract:

Portable organizations and the gear that runs the architecture should turn out to be more adaptable, virtualized, programming driven, energy effective, and clever, as vers traffic builds. The advancing radio access networks, making them more intelligent and more open than past ages on which the O-RAN architecture is focused. The Internet telecommunication association has characterized the fifth generation into monstrous machine-type interchanges, improved portable broadband, and super dependable l inertness correspondences to meet the assorted market and mechanical requests. This invention presents a consolidated synchronization component to be burned-thru one or a few gadgets for conveyed situations including broadband and broadcast substance and distant clients. At the point when various arrangements or forms of the r substance are being worked out the component gives multi-and cross-innovation support and accomplishes precise synchronization levels even.

Complete Specification

Claims:1. The strategy involving recognizing, accessibility of the message in the information base bunch after the synchronization of the message.

2. Wherein preparing the substance of the message involves conjuring, at least one administrations as indicated by the guidelines for preparing the substance.

3. The strategy involving noticing, synchronization of a conveyance receipt for the message from the second nearby information base into the data set group; and the main customer that the conveyance receipt for the message is accessible for synchronization from the information base bunch into the principal neighborhood data set, light of noticing the synchronization of the conveyance receipt.

4. The contraption of the radio casing including a time division duplex radio casing having ten sub-outlines, each up link-down link design involving a game plan of up-link sub frames and down link sub frames that is extraordinary from one another up link-down-link setup.

5. To send the answer message over the essential cell the arrangement of the radio frequency handset masterminded to get the main message over the optional cell.

6. The arrangement of the normal up link sub-outline set including an assortment of Sub-outlines in each radio outline.

7. Wherin the main transporter including a first up link-down link arrangement and the subsequent transporter containing a second up link-down link design.

, Description:To come computerized world that will uphold the change of every single monetary area and the developing buyer market request, the generally speaking fifth generation vision is going a long way past the development of portable broadband, turning into an empowering influence of things. To new mechanical partners and to new plans of action openings, a significant yearning of fifth generation is to offer administrations.

With change generally static, shut, and inelastic organization foundations this vision acquaints the need into versatile, adaptable, open biological systems that can uphold huge assortment of progressively differing applications and administrations. To give pervasive admittance to an enormous pool of end-users in these conditions. a

[View Application Status](#)

Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>)

Copyright (<http://ipindia.gov.in/copyright.htm>) Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>)

Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>) Contact Us (<http://ipindia.gov.in/contact-us.htm>)

Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019